**Lesson 6: Software and hardware interaction**

**Vocabulary**

*Algorithm-*a list of clearly define, logical steps that solves a problem.

*Application software-* also called productivity software; helps you perform a specific task such as word processing, spreadsheets, and so forth.

*Beta testing-*A process that releases commercial software in development to cross-section of typical users who evaluate the program and report any

*Bundle ware-*Software included with the purchase of a new computer.

*Flowchart-*A diagram that shows different paths a paragraph is indented.

*Inputting-*the process of using an input device to enter data

*Network license-*a type of license that gives the organization the right to install a program on a server which can be accessed by a specific number of computers

*Operating systems-* System software that provides an interface between the user or the application program and the computer hardware

*Patch-*software applied over software you already have installed

*Service pack-*A collection of updates, fixes, or enhancements to a software program delivered as a single file

*Single-user license-*a license that gives you rights to install software on a single computer

*Software-* Intangible set of instruction that tells the computer what to do

*Software as a service-*A software delivered method where the application is licensee for the use as a service. The software is provided to a customer on demand through the internet or through the network

*Software development-* the multistep process of designing writing and testing computer programs

*Software license-*A license that gives you permission to use a program

*Software piracy-*the illegal copying or use of computer programs

*System software-*A group of programs that coordinate and control the resources and operations of a computer system

*Update-*a collection of files for updating released software that fixes bugs or provides enhancements

*Upgrades-*Replacing software with a newer or better version to bring the system up to date or to improve its characteristics

*Web application –*An application without platform constricts or an installation requirement that is accessed though a web browser over the network such as an internet.

**True & False**

1. The first step in programming is to develop machine language code. **False**
2. An Operating system is software is generally referred to as productivity software. **False**
3. Debugging a program means looking for errors in the instructions to the computer. **True**
4. Computer hardware is anything you can touch. **True**
5. There are five categories of system software. **False**

**Multiple choice**

1. B
2. C
3. A
4. B
5. A

**Fill in the blank**

1. The Bundle ware software delivery method provides a more cost-effective alternative then traditional packaged application.
2. With Patch program, the source can be modified and redistributive to the software user and developer community.
3. Software Piracy is the unauthorized copying of software.
4. An algorithm is a set of clearly defined, logical steps that solve a problem.
5. A flowchart shows different paths the program will take depending on what data is inputted.